

# MONTHLY PROJECT REPORT

## SR 16 Tacoma Narrows Bridge Project

April 2005

**Project Location:** SR 16, Jackson Avenue to 36<sup>th</sup> Street

**PIN:** 301699A

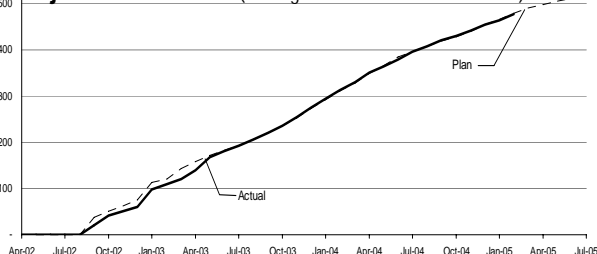
**WIN:** C01699C, C01699D

**Contractors:** Tacoma Narrows Constructors, A Joint Venture (Design/Build); TransCore, L.P (Toll System Supply and Installation )

### Cost Status (millions):

	Budgeted	Expended
Design/Build Contract	615.0	480.5
Toll System Contract	9.2	2.4
WSDOT Oversight	41.0	14.8
Contingencies Committed	8.9	5.3
Contingencies Remaining	45.8	
Phase I Dev. Cost (UIW)	40.5	39.8
Total	760.4	542.8
Total Expended/Total Cost	71.3%	

### Project Cash Flow: (Through 03-05 Biennium in Millions)



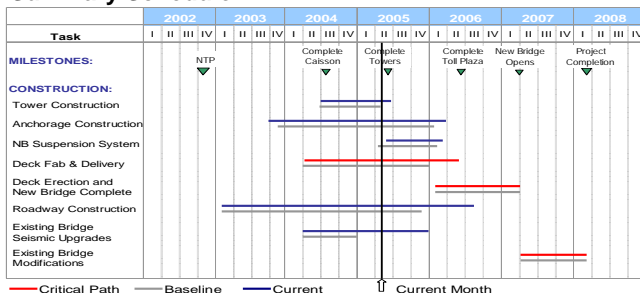
### Schedule Status:

As of May 1, 2005: TNC missed the non-critical milestone for completion of the new bridge towers. This milestone is achieved once anchorages and tower tops are ready to start cable work. There is no impact on upcoming critical milestones.

### Milestone Summary:

Milestone	Contract	TNC	Months Ahead
Complete new bridge towers	12May05	Jun-05	-0.9
Complete toll facility construction	08Dec05	Sep-05	2.7
Start new bridge deck installation	07May06	Feb-06	2.7
Complete Superstructure joining of deck sections	03Dec06	Aug-06	3.2
Complete new bridge & open to traffic	02Apr07	Apr-07	0.0
Complete existing bridge modifications	26Feb08	Feb-08	0.0

### Summary Schedule:



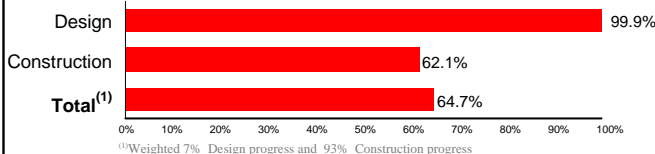
### Quality Status:

During April, WSDOT staff completed the following audits:

- 56 individual audits of design-builder work activities; and
- 575 contractual requirements observed and verified for compliance, nine of which were determined to be in non-conformance.

This months audits indicate construction work is complying with contract documents.

### Progress To Date: (% Complete)



**Safety Record:** 1,669,793 hours worked with one lost time accident.

### Construction highlights for the month:

- East tower: Concrete for N. and S. leg lifts 24, 25, S. leg lift 26, and middles strut bottom slab and stem walls.
- West tower: Concrete for N. and S. leg lifts 24, 25, 26, S. leg lift 27A, and middle strut bottom slab, walls, top slab, and parapets.
- East Anchorage: Placed N. and S. saddles and removed formwork.
- West Anchorage: Top deck concrete poured. Finished backfilling.
- Roadwork: Closed Jackson westbound on ramp, paved new ramp and mainline alignment and re-opened to traffic early.
- Toll Ops Bldg: Installed carpet, water tank, lights, and exterior gutters.
- Crew Facility: Mechanical equipment installation, lockers and fixtures.



### Upcoming Construction for May 2005:

- East Tower: Place N. and S. leg lifts 27, 28, begin upper strut formwork.
- West Tower: Place N. & S. leg lifts 27, 28, begin upper strut formwork.
- East Anchorage:
- West Anchorage: Strip formwork, place spinning equipment footings.
- Roadwork: Remove asphalt, excavate, and pave Tacoma mainline. Install Rock walls and light bases.
- Toll Plaza & Ops Building: Site grading and Pave at toll bldg. Paint plaza, finish roof trim, attenuators, and islands.

### Risks/Challenges/Issues:

- Upper Strut Construction & transitioning to cable spinning.
- Environmental Controls.
- Deck fabrication fit up.

### Public Outreach for the month:

- Gave presentations to the Land Surveyors Association, Edmonds Rotary and 120 children associated with Russell Investment Group
- Held successful media event to highlight Tacoma anchorage saddle installation, resulting in positive and informative articles in 3 newspapers
- Provided tours for the annual American Public Works Association conference in Tacoma and for reporters representing the Seattle Times, Tacoma News Tribune and trade journal Pacific Builder & Engineer

For more information, Call toll free at 1.877.762.7769, or 253.534.4640

Or visit our website: [www.tacomanarrowsbridge.com](http://www.tacomanarrowsbridge.com)



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